



- GENERAL NOTES**
1. SEE DRAWING P5.20.36 FOR EMBED DETAILS.
  2. SEE DRAWING J8E8700G003 FOR INSTRUMENT CONNECTIONS.
  3. ALL HELIUM AND NITROGEN TUBING SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN SPECIFICATION 15455.
  4. HELIUM PANELS ARE GFE.
  5. 1" HELIUM AND 1" NITROGEN FROM OUTSIDE BUTTLE STORAGE TO INSIDE PANEL TO BE FIELD ROUTED ALONG SOUTH WALL OF MECHANICAL/ELECTRICAL ROOM AT A HEIGHT ABOVE 10' TO THE NORTH SIDE OF THE HELIUM DISTRIBUTION PANEL AS SHOWN.
  6. HELIUM AND NITROGEN TUBING TO BE SUPPORTED AT 7'-0" INTERVALS. MAX. USING STAINLESS STEEL UNLESS THE SUPPORTS AND STAINLESS STEEL CLAMPS WERE APPLICABLE. TUBING MAY BE ATTACHED TO EXISTING PIPING.
  7. ALL PIPING, EQUIPMENT AND COMPONENTS SHOWN IN PHANTOM ARE NOT A PART OF THE WBS 1.8 CONTRACT PACKAGE.
  8. SEE DRAWING H5.10.41 FOR HELIUM PENETRATION INFORMATION.

**RING INJECTION - PLAN**  
SCALE: 3/8"=1'-0"

3/8" = 1'-0" 2' 1' 0 2' 4' 6'

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NUMBER OF SECTION OR DETAIL

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN

**SECTION AND DETAIL KEY**

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM

ENGINEERING PROCEDURE SNS-ENG-0001

REV	DATE	BY	CHK	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
2	A	3	25	DCN TS-025-5302		JHT	RM																						
1	A	3	17	DCN TS-017-2802		JHT	TP		CLG	2/13/02	JRL	2/13/02			JRL	2/13/02	TP	100946	2/29/02										
0				CERTIFIED FOR CONSTRUCTION - 8/3/01		TL	TJ		CLG	8/9/01	RAD	8/6/01			JRL	8/7/01	TP	100946	8/3/01		REW		WRS	AK	WRS	BNJ	RM		WAS
REVISION OR ISSUE PURPOSE																				SQUAD CHECK									
REVISION APPROVALS																				DRAWING APPROVALS									

DSN	T.M. LEANZA	08/03/01
DRW	T.M. LEANZA	08/03/01
CHK	T. JERNGAN	08/03/01
DEPT		
PE	C.L. GARREN	9/01
PJ	R.A. DEAN	9/01
REQ		
UTB	J.R. LAWSON	8/7/01

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PROJECT NAME:  
**SPALLATION NEUTRON SOURCE**

**RING INJECTION BUILDING**  
**HELIUM/NITROGEN SYSTEM**  
**PLAN VIEW**

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	P	X	X	8	8520		1	1	P	U
51	NC	52	NA	53	WBS					
					108031000					

**P2.03.52** REV 2